

LTR	DESCRIPTION	DATE	BY
-	Released	5/10/02	JCL

I. CONSTRUCTION

center conductor:	Stranded Tinned Copper	.059"
dielectric:	Modified Cross-Linked Polyolefin	.120"
shield:	36 GA Tinned Copper Braid (96%)	.156"
jacket:	Red Fire Resistant PVC Copolymer	.195"

II. ENVIRONMENTAL and MECHANICAL PROPERTIES

weight:	47 pounds per 1000 feet
operating temperature:	-40°C to +80°C
minimum bend radius:	2 inch
flame & smoke (UL-1581):	UL/NEC Rated 'MPR'
radiation environment rating:	250 megarads

III. ELECTRICAL PROPERTIES

impedance:	30 ohms
capacitance:	58 pF per foot
velocity:	61%
attenuation @ 400 MHz:	28 dB per 100 feet
voltage rating:	7500 vdc

IV. NOTES

- 1) All tests performed in accordance with MIL-C-17 (current issue).

Unless otherwise specified, dimensions are in inches. Tolerances are applicable when specified.

These drawings and specifications contain proprietary information which is the property of Times Microwave Systems.

Approvals		
Drawn	JCL	5/10/02
Check		
Prj. Mgr.		
Prd. Mgr.		
QA Mgr.		

**TIMES MICROWAVE SYSTEMS**

Wallingford, CT 06492
 (203) 949-8400; (203) 949-8423.Fax
 www.timesmicrowave.com

Radiation Resistant Fire Retardant Coax

for
Oakridge National Laboratory

Size A	CAGE CODE 68999	Drawing No.: AA-9142
-----------	---------------------------	--------------------------------

Scale: NA

Rev. (-)

Sheet: 1 of 1